SONY

VGN-AR190G

VAIO® AR Blu-ray Disc™ enabled Notebook PC

The Premier Blu-ray Disc™ enabled Entertainment Notebook PC.

THE PREMIER BLU-RAY DISC™ ENABLED NOTEBOOK PC.

It has the ability to play, record, and re-write Blu-ray Disc™ media[16] , a format that provides five times larger capacity than standard DVDs. Watch HD movies with clarity like you have never seen them before. The AR Digital Studio™ Notebook features end-to-end High-Def (1080) HDV camcorder support, so you can capture, view, edit, and burn in 1080 resolution content.

THE ULTIMATE IN PORTABLE ENTERTAINMENT PERFORMANCE.

With Blu-ray Disc™ media support for the next generation movie experience, recording, and re-writing, you're ready to capture, edit, and burn 1080i HD camcorder content from the get-go[16] . With a breathtaking 17" WUXGA (1920x1200) widescreen display[8] with Sony's original XBRITE Hi-Color™ LCD technology, integrated NTSC TV tuner and Microsoft® Windows® XP Media Center Edition 2005, you can watch and record TV, and view your movies and photos with stunning clarity and brilliant, true-to-life color. NVIDIA® GeForce® Go 7 series graphics and GDDR3 memory deliver advanced graphics performance to view Blu-ray Disc™ movie titles[15] , as well as be immersed in thrilling game play. Built in camera and microphone mean it's conference and VoIP ready[12] . Multimedia shortcut keys at your fingertips make it easy to control your entertainment.

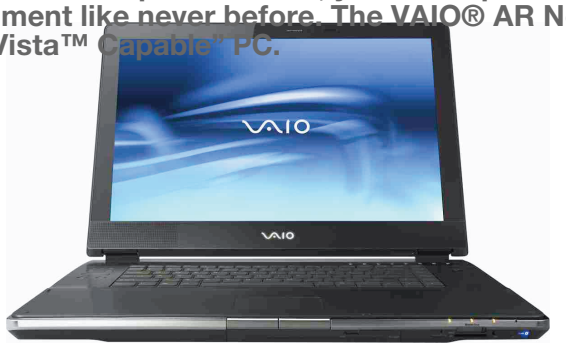
FEATURING A STUNNING AND EXCEPTIONAL WIDESCREEN DISPLAY.

The VAIO® AR Digital Studio™ Notebook features a stunning 17" WUXGA (1920x1200) widescreen display[8] with Sony's original XBRITE Hi-Color™ LCD technology. It delivers deep blacks and bright whites, true-to-life color, and razor-sharp detail. And with a glare filter and anti-reflective coating to minimize reflection, you'll experience a beautifully clear image. It's a picture-perfect way to playback a Blu-ray Disc™ movie[15] , watch TV, and even immerse yourself in the gaming world.

MESSAGING.

Stylish design
Blu-ray Disc™ media support for next generation high-definition video playback and recording[15,16] .
Watch HD movies and entertainment like you have never seen before on Blu-ray Disc™ media[15] .
Store and protect an unprecedented 25-50GB[2] of HD video or data to a single Blu-ray Disc™ media[15] .
Bundled suite of applications lets you capture, edit and burn high-definition camcorder content to Blu-ray Disc™ media[16] while maintaining high-quality 1080 HD resolution[15] .
Watch and record live television with fully integrated NTSC TV tuner, bundled remote control, and Microsoft® Windows® XP MCE operating system.
HDMI™ connector provides convenient single-cable HD connectivity to your HDTV or A/V receiver.
Enjoy outstanding video quality on a 17" widescreen[8] WUXGA display featuring XBRITE Hi-Color™ technology.
Intel® Core™ Duo processor delivers outstanding dual-core mobile performance.

The gorgeously designed VAIO® AR Digital Studio™ is the premier Blu-ray Disc™ enabled notebook PC. With a 17" WUXGA (1920x1200) widescreen display[8] , HDMI™ output, integrated NTSC TV tuner, Microsoft® Windows® XP Media Center Edition and Intel® Core™ Duo performance, you will experience movies and entertainment like never before. The VAIO® AR Notebook is a "Windows Vista™ Capable" PC.



like.no.other™

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VAIO® AR Blu-ray Disc™ enabled Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Desktop Replacement
Action Buttons: S1, S2, AV Mode, Volume, Mute, Eject, Play/Pause/Stop, Wireless LAN On/Off, TV Record, FF, Rewind, Channel + and -
Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Pointing Device: Electro-Static touch pad

Hardware

Camera: Built-in camera and microphone

Processor

Type: Intel® Core™ Duo Processor T2500
Speed: 2GHz[1]
Front Side Bus Speed: 667MHz
L2 Cache: 2MB
Technology: Intel® Centrino® Duo Mobile Technology

Memory

Type: DDR2 SDRAM
Installed: 1GB (512MBx2) PC2-4200
Maximum: 2GB
Speed: 533MHZ

Hard Drive

Capacity: 200GB[2] (100GBx2) in RAID 0
Speed: 5400rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.
DVD+R Write: 8x max.
DVD+RW Write: 4x max.[4]
DVD-R Write: 8x max.
DVD-RW Write: 4x max.[4]
CD-R Write: 8x max.
CD-RW Write: 8x max.
DVD±RW: Yes[4]
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 2x max.
BD-R Write: 1x max.[16]
BD-RE Write: 1x max.[16]
BD-ROM Read: 1.6x max.
BD-RE Read: 1x max.
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes[15]

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick® and Memory Stick DUO™ media[5] with MagicGate® functionality and Secure Digital Media (SD)
One PCMCIA - Type II/Type I card slot with CardBus support
One ExpressCard™ /54 Slot

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WUXGA
Screen Size: 17"[8]
Resolution: 1920x1200
XBRITE HiColor™ Technology: Yes

Graphics

Processor: NVDIA® GeForce® Go 7600GT
Video RAM: 256MB
Chipset: Intel® 945PM
Interface: VGA out w/ Smart Display Sensor, HDMI™ out and S-Video out
TV Tuner: Yes (NTSC)

Inputs and Outputs

Ethernet Port: 1
HDMI™ Connection Output(s): 1
Headphone Jack: 1
i.LINK® Interface: 1 (4pin) i.LINK® connector (IEEE 1394)[6]
Modem Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1
RF Connection Input(s): 1
S-Video Input(s): 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 ports)
VGA Output(s): 1
S/PDIF Output(s): 1
Audio/Video Input(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem with (RJ-11)
Wireless LAN: Intel® PRO/Wireless 3915ABG Network Connection (802.11a/b/g)[3]
Bluetooth® Technology: Integrated Bluetooth® Technology[10]

Power

Battery Type: Standard Battery (VGP-BPS2C)
Estimated Battery Life: 1.5-2.0 hours[7] with standard battery
Power Requirements: 150W+10%

Software

Operating System: Microsoft® Windows® XP Media Center Edition 2005 with Update Rollup 2
Internet Services: AOL Online™ 180-Day Trial (New Users Only)
Anti-Virus and Recovery Software: Norton® Internet Security 60-Day Subscription - Norton AntiVirus®, Norton Personal Firewall, Norton Privacy Control, Norton Antispam® and Norton Parental Control
TrendMicro™ Anti-Spyware 30-Day Trial
Iolo® System Mechanic 30-Day Trial
VAIO® Recovery Wizard
VAIO® Update
VAIO® Support Central
VAIO® Security Center
Supplied Software: Adobe® Photoshop® Elements 4.0
Adobe® Premiere Elements 2.0
InterVideo® WinDVD BD
InterVideo® WinDVD®
Ulead® BD Disc Recorder
Roxio® DigitalMedia SE
Microsoft® Works 8.5 with Microsoft® Office Trial (Student/Teacher Edition)[13]
60-Day Trial Version of Microsoft Digital Image Starter Edition 2006[14]
Intuit Quicken® 2005 New User Edition (Previous Quicken users may require additional upgrade)
DISCover My Games
Sony® Original Software: Click to DVD® - DVD Creation
SonicStage Mastering Studio™ - Audio Mastering and Remastering
SonicStage® - Digital Music
DVgate™ Plus - Digital Video
VAIO Media™ - Network File Sharing
Image Converter - PSP™ Transfer
Underworld - Pre-installed Movie
60-Minute Trial Version of Wheel of Fortune®
60-Minute Trial Version of Jeopardy®

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[11]
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service[9]
Online and Email Support: Support available from http://www.esupport.sony.com

Dimensions

Weight: 8.4 lbs. (weight is approximate and may vary)
Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)

Supplied Accessories

Standard Lithium-ion Battery (VGP-BPS2C)
AC Adapter (VGP-AC19V15)
Remote Control/IR Receiver
Power Cord
RF Cable
HDMI Cable
HDMI to DVI-D Adapter
House of Flying Daggers Blu-ray Disc™ Movie

Optional Accessories

Multi-Function Docking Station (VGP-PRFE1)
Bluetooth®[10] Wireless Mouse (VGP-BMS30)
Universal Carrying Case (VGP-AMB1)
DVD R DL/DVD±RW Drive Bay (VGP-DRWBX1)
CD-RW Drive Bay Unit (VGP-CRWBX1)
80GB[2] HDD Drive Bay Unit (VGP-HDBX08A)

Color: Black
UPC Code: 027242696242

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate® functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. Viewable area measured diagonally.
9. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
10. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible.
11. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
13. The Microsoft® Office 2003 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
14. The Microsoft Digital Image Starter Edition 2006 60-Day Trial software included with this computer system is intended for evaluation purposes only. The software has been partially installed and you must complete installation of the software before you can use it. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations.
15. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
16. Video recording to Blu-ray Disc™ media is done in MP2 format only.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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